

# Nightly Builds

Bitten is our continuous integration server, whenever changes are committed to the EUROPA repository, a new build on the different platforms supported is kicked off. At a high level, here is what the autobuild does :

- Build the different variants (debug,optimized,profile) and library types (static,shared)
- Run all regression tests
- Create binary distribution
- Install binary distribution
- Test makeproject tool and examples against binary distribution

The results of the autobuild are displayed at all times on the Build Status tab above.

## Canon Systems

OS	OS Version	Machine Name	CPU	Memory	Avg Auto-Build Duration (Includes tests and all variants)	OS Details
Linux	Red Hat Enterprise Linux WS release 4 (Nahant Update 7)	selene.arc.nasa.gov	Intel(R) Xeon(TM) 2 CPUs @ 3.40GHz each	1024MB RAM	~1.5 hours	Linux selene.arc.nasa.gov 2.6.9-42.0.3.ELsmp #1 SMP Mon Sep 17 17:28:02 2006 i686 GNU/Linux
Mac OS	Mac OS X Version 10.4.8 (Build: 8L127)	irock.arc.nasa.gov	PowerPC G5 (2.2) 2 CPUs @ 2 GHz each	1536MB RAM	~2 hours	Darwin irock.arc.nasa.gov 8.8.0 Darwin Kernel Version 8.8.0: Fri Sep 8 17:18:57 PDT 2006; [root:xnu-792.12.6.obj~1/RELEASE_ARM] Power Macintosh powerpc
Solaris	Solaris 10	farnsworth.arc.nasa.gov	UltraSPARC-III 2 CPUs @ 600Mhz each	2048MB RAM	~9 hours	SunOS farnsworth.arc.nasa.gov 5.11 Generic_118833-33 sun4u sparc SUNW,Sun-Blade-1000
Windows	Windows XP SP2 + cygwin	flight.arc.nasa.gov			~ 2 hours	

## Creating A New Autobuild

You'll need to set up a new bitten slave and ask Javier to register it with the bitten master.

TODO: provide instructions and example config files for bitten slave.

## **Doxygen docs**

Doxygen docs are available for tagged releases and generated daily for the trunk. They are linked to the wiki (see the top-right tab above) using this [plug-in](#). See this [note](#) for more details.